

## OPINION 1434

### *Cyphaspis* Burmeister, 1843 (Trilobita): *Phacops ceratophthalmus* Goldfuss 1843, designated as type species

#### Ruling

(1) Under the plenary powers all previous designations of type species for the nominal genus *Cyphaspis* Burmeister, 1843, are hereby set aside, and *Phacops ceratophthalmus* Goldfuss, 1843 is designated as type species.

(2) The name *Cyphaspis* Burmeister, 1843 (gender: feminine), type species by designation in (1) above *Phacops ceratophthalmus* Goldfuss, 1843, is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *ceratophthalmus* Goldfuss, 1843, as published in the binomen *Phacops ceratophthalmus* (specific name of the type species of *Cyphaspis* Burmeister, 1843) is hereby placed on the Official List of Specific Names in Zoology.

(4) The name *Cyrtometopus* Angelin, 1854 (gender: masculine), type species by monotypy *Calymene clavifrons* Dalman, 1827, is hereby placed on the Official List of Generic Names in Zoology.

(5) The name *clavifrons* Dalman, 1827, as published in the binomen *Calymene clavifrons* (specific name of the type species of *Cyrtometopus* Angelin, 1854) is hereby placed on the Official List of Specific Names in Zoology.

#### History of case 2257

An application for the designation of *Phacops ceratophthalmus* Goldfuss, 1843, as type species of *Cyphaspis* Burmeister, 1843 was received from Dr A. T. Thomas (*The University of Aston in Birmingham, U.K.*) and Dr R. M. Owens (*National Museum of Wales, Cardiff, U.K.*) on 20 March 1978. After correspondence a revised case was published in BZN 37: 122–123 (June 1980). Notice of the case was given to nine general and two specialist serials. A comment was received from Prof Dr G. Hahn (*Universität Lahnberge, Marburg, BRD*) enquiring into the status of the type material for *Phacops ceratophthalmus* Goldfuss and *Otarion diffractum* Zenker, 1833, and the possible need for a neotype to stabilize *Cyphaspis*. Thomas & Owens replied by stating that the type material of both species was untraced but that the identity of both species has never been in doubt, and that the absence of type specimens did not materially affect the substance of their application. This was accepted by Prof Dr Hahn.

#### Decision of the Commission

On 1 December 1986 the members of the Commission were invited to vote for or against the proposals set out in BZN 37: 123. At the close of the voting period on 1 March 1987 the state of the voting was as follows:

Affirmative votes — 18: Bayer, Bernardi, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Holthuis, Kabata, Kraus, Lehtinen, Melville, Mroczkowski, Savage, Starobogatov, Trjapitzin, Willink

Negative votes — 2: Alvarado, Schuster.

Gruchy and Ride were on leave of absence. No votes were returned by Heppell, Thompson and Uéno.

**Original references**

The following are the original references to the names placed on Official Lists by the ruling in the present Opinion:

*ceratophthalmus*, *Phacops*, Goldfuss, 1834, *Neues Jahrbuch für Mineralogie, Geologie und Paläontologie*, **1834**: 564

*clavifrons*, *Calymene*, Dalman, 1827, *Kungliga Svenska Vetenskapsakademiens Handlingar*, **1826**: 75

*Cyphasps* Burmeister, 1843, *Organisation und Übersicht Trilobiten*, p. 103

*Cyrtometopus* Angelin, 1854, *Palaeontologica Scandinavica*, p. 32.